

## INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB2004/052071

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G07F7/00 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G07F G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 135 631 A (VERTX CORP) 3 April 1985 (1985-04-03) abstract page 1, line 3 - page 2, line 36 page 4, line 1 - line 11 page 4, line 35 - page 5, line 6 page 7, line 11 - page 8, line 14 figures 1,2,9	1-14
X	US 5 595 264 A (TROTTE JR FRANK P) 21 January 1997 (1997-01-21) column 1, line 47 - column 3, line 15 column 3, line 41 - column 6, line 55 figures 1,4	1-14
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

8 December 2004

Date of mailing of the international search report

21/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Bassanini, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2002/065680 A1 (KOJIMA AKITOSHI ET AL) 30 May 2002 (2002-05-30) abstract paragraph '0006! - paragraph '0009! paragraph '0015! - paragraph '0032! paragraph '0067! - paragraph '0073! paragraph '0093! - paragraph '0100! paragraph '0128! figures 1A-5B, 14A-17</p> <p>-----</p>	1-14
X	<p>US 3 023 851 A (STILLER BRUNO V) 6 March 1962 (1962-03-06) column 1, line 10 - column 2, line 21 column 2, line 71 - column 9, line 57 figure 1</p> <p>-----</p>	1-14
A	<p>WO 96/39671 A (POWELL KEN R) 12 December 1996 (1996-12-12) abstract page 2, line 8 - page 4, line 7 page 7, line 1 - page 10, line 8 page 11, line 4 - page 12, line 17</p> <p>-----</p>	1-14
A	<p>US 3 920 100 A (DUNPHY LAWRENCE CYRIL) 18 November 1975 (1975-11-18) the whole document</p> <p>-----</p>	1-14
A	<p>WO 94/01838 A (MARKETING CONSULT NORD GMBH ; SCHEFFLER VOLKER (DE)) 20 January 1994 (1994-01-20) abstract page 2, line 8 - page 3, line 28 page 4, line 1 - line 10 page 6, line 23 - page 8, line 16 figure 1</p> <p>-----</p>	1-14

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